

COVERAGE NAME: RAIL

COVERAGE AREA: State, District

COVERAGE DESCRIPTION:

The RAIL coverage is a line coverage representing information on all heavy railroad lines, Amtrak passenger lines and commuter rail lines in California.

USER NOTES:

Previous versions of this coverage included a related table with rail operators. The table has been eliminated and a new field (OPERATORS) has been added to the attribute table. A SERVICES field has been added to indicate the name of a passenger line or freight service that on any rail line.

VITAL STATISTICS:

Datum:	NAD 83
Projection:	Albers
Units:	Meters
1st Std. Parallel:	34 degrees N
2nd Std. Parallel:	40.5 degrees N
Longitude of Origin:	-120 degrees W
Latitude of Origin:	0 degrees N
False Easting:	0
False Northing:	-4,000,000
Source:	Various transit books, maps, and guides
Source Media:	USGS DLG and Caltrans County Map Series
Source Projection:	Universal Transverse Mercator Zone 10/11
Source Units:	Meters
Source Scale:	1:100,000 and 1:24,000
Capture Method:	Existing DLG linework and digitized
Conversion Software:	ARC/INFO rev. 6.0
Data Structure:	Vector
ARC/INFO Coverage Type:	Arc
ARC/INFO Precision:	Double
ARC/INFO Tolerances:	
Frequency of Updates:	Varies
Data Updated:	March 18, 2003 (Operator, Services, Transportee fields added.)
Update Media:	Web sites (UP, BNSF, Amtrak, Caltrain, etc.)
Update Method:	Information from Caltrans Rail Program, comparison to NTAD rail and Volpe rail coverages to update ownership and extract operators
Update Software:	ARC/INFO rev. 7.2.1 and ArcMap 8.1

DATA DICTIONARY:

File name: RAIL.AAT

Record length: 266

NOTE: Items which are common to all line coverages: FNODE#, TNODE#, LPOLY#, RPOLY#, LENGTH, <coverage>#, and <coverage>-ID are not described here.

COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC
29	CO	3	3	C	-
32	DIST	2	2	I	-
34	ROWOWNER	12	12	C	-
46	OPERATORS	25	25	C	-
71	SERVICES	189	189	C	-
260	RRCLASS	2	2	I	-
262	TRKTYPE	2	2	I	-
264	STATUS	1	1	I	-
265	PRAIL	1	1	I	-
266	COMM	1	1	I	-

ITEM DESCRIPTIONS:

CO: Caltrans county abbreviations

DIST: Caltrans district number

ROWOWNER: Owner of the railroad right-of-way.
(Please refer to "ROWOWNER/OPERATORS CODES")

OPERATORS: Operator or operators of the passenger rail/freight operations.

SERVICES: The individual passenger line or freight service. The services are coded according a hierarchy:

Interstate: California Zephyr, Coast Starlight, Southwest Chief, Sunset Limited

State: Capitol Corridor, Pacific Surfliner, San Joaquin

Regional: ACE, Caltrain, Coaster, BART lines, Metrolink lines

ROWOWNER	OPERATORS	SERVICES
UP	AMTRAK--SCRA-UP	-Coast Starlight-Sunset Limited--Pacific Surfliner- -Antelope Valley Line-Riverside Line-Ventura County Line-Via Fullerton

The single dash separates the individual Services and the double dashes indicate when Operators/Services changes. See example above:

UP owns the right-of-way. AMTRAK is the operator for the Coast Starlight and Sunset Limited. SCRA (Metrolink) is the operator for the Antelope Valley Line, Riverside Line, Ventura County Line, and Via Fullerton.

In cases where freight is indicated in the Operators field, the freight operator should always be listed last and the word "freight" should always be listed last in lower case in the Services field.

RRCLASS: Numeric code identifying railroad class

- 1 = Mainline railroad
- 2 = Shortline railroad
- 3 = Terminal or Belt Line railroad
- 5 = Military railroad
- 6 = Private railroad
- 7 = RT Line
- 8 = Unknown

TRKTYPE: Numeric code used to identify track types

- 1 = Principal through tracks
- 2 = Secondary or Branch line tracks
- 3 = Spurs
- 4 = Sidings
- 5 = Railroad Yard and/or Depot Tracks
- 7 = Principle Commuter
- 8 = Abandoned/Unknown

STATUS: Numeric code used to identify the status of a particular railroad line

- 1 = Active
- 2 = Under construction
- 3 = Proposed
- 8 = Abandoned

PRAIL: Indicates if passenger rail line operates on the railroad line

- 0 = No passenger rail operations
- 1 = Passenger rail operations

COMM: Identifies any railroad line which carries commuter passenger rail traffic

- 0 = Railroad lines not used by commuter passenger rail systems
- 1 = Railroad lines used by commuter passenger rail systems

RELATIONAL DATA DESCRIPTION: None.

DATABASE RELATION:

Currently there are no database relationships established.

DATA QUALITY ASSESSMENT:

All spatial and tabular data are current as of 2002. Recent updates account for freight rail mergers, relinquishments, and abandoned lines. Rail operators were obtained by comparing the coverage to NTAD 2000 and using the Transfer command to transfer these attributes to principle tracks.

Sidings, spurs, and depot tracks may not have the most accurate indication of operators. Check the adjacent principle tracks for this information.

ROWOWNER and OPERATOR CODES

ABL	Alameda Belt Line
ALR	Almanor Railroad Company
AMC	Amador Central Railroad
AMR	Arcata & Mad River Railroad
AMTRAK	Amtrak
AZRC	Arizona and California Railroad Company
BAER	Bay Area Electric Railway
BART	Bay Area Rapid Transit
BNSF	Burlington Northern Santa Fe
CCT	Central California Traction
CFNR	California Northern
CORP	Central Oregon and Pacific Railroad
CPLT	Camino, Placerville & Lake Tahoe Railroad
CTRN	Caltrain commuter rail. Rail lines governed by Peninsula Joint Rail Authority.
CWR	California Western Railroad
EMR	Eagle Mountain Railroad
GOVT	US Government/Military Railroad
HBL	Harbor Belt Line RR
HIC	Holton Inter-City Railway
LAJ	Los Angeles Junction Railway
LCR	Lake County Railroad
LOCK	(former SP Kentucky House Branch, now abandoned)
LUM	Lumber Railroad
MCR	McCloud River Railroad
MET	Modesto-Empire Traction
MNRR	Monolith Railroad
NCTD	North County Transportation District. Select this operator to display the Coaster line.
NVRR	Napa Valley RR
NWP	Northwestern Pacific
OTR	Oakland Terminal Railroad
PSR	Petaluma & Santa Rosa Railroad
PVTX	Privately Owned.
QRR	Quincy Railroad
RBR	Richmond Belt Railway
RCBT	Roaring Camp & Big Trees Railroad
SCBG	Santa Cruz, Big Tree & Pacific RR
SCRA	Southern California Regional Rail Authority. Governs Metrolink commuter rail lines.
SDAE	San Diego & Arizona Eastern

SDIY	San Diego & Imperial Valley. Owns rail lines from El Cajon west to San Diego, then south to border. San Diego Trolley uses a portion of these lines. Freight is transported at night.
SDNR	San Diego Northern Railroad (Owned and operated by the NCTD. NCTD operates the Coaster line between Oceanside and San Diego Depot, and also operates San Diego Trolley.)
SERA	Sierra Railroad Company
SFBR	San Francisco Belt Railroad
SJVR	San Joaquin Valley Railroad
SMV	Santa Maria Valley Railroad
SN	Sacramento Northern Railroad
SP	(abandoned tracks from Southern Pacific Transportation Company)
SPBR	Stockton Public Belt
STE	Stockton Terminal & Eastern Railroad
TRC	Trona Railway Co.
TS	Tidewater Southern (abandoned)
TVRR	Tulare Valley Railroad
UP	Union Pacific Railroad
VCTC	Ventura County Transportation Commission owns these rail lines but has not started commuter operations on these lines.
VCY	Ventura County Railroad
VER	Visalia Electric Railroad
YSLR	Yolo Short Line RR
YW	Yreka Western RR Company
XXXX	Unknown (abandoned)

March 19, 2003